

Converting Colors

`RYB(246, 223, 225)`

Have a look what the booklet for
RYB(246, 223, 225) contains.

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Color

R_YB(246, 223, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F6DFE1
RGB	246, 223, 225
RGB Percent	96%, 87%, 88%
CMY	0.0353, 0.1255, 0.1176
CMYK	0.00, 0.09, 0.09, 0.04
HSL	355°, 56%, 92%
HSV	355°, 9%, 96%
XYZ	77.9843, 77.8044, 82.1417
YIQ	230.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

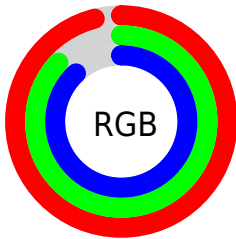
Format	Color
R _Y B	246, 223, 225
Decimal	16179169
CIE Lab	90.69, 8.21, 1.88
CIE LCh	91, 8.426, 12.908
Yxy	77.8044, 0.3278, 0.3270
Android (android.graphics.Color)	4294369249 (0xFF6DFE1)
YUV	230.1050, -2.5168, 13.9399
Hunter-Lab	88.2068, 3.4513, 6.5316

Details

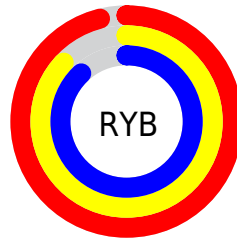
The RYB color **246, 223, 225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223, 235, 246**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 168, 170** is the 20% darker color. If you saturate the color by 10%, you get **246, 198, 203**, and if you desaturate by 10%, it is **246, 247, 248**.

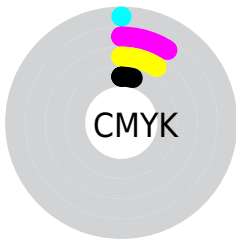
Distribution



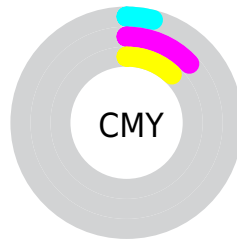
- Red (96%)
- Green (87%)
- Blue (88%)



- Red (96%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 246, 223, 225 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 246, 223, 225 by changing the saturation by 10% instead.


 246, 223, 225

255, 255, 255


 246, 223, 225

 217, 195, 197

 190, 168, 170


 162, 141, 143

 136, 116, 118

 111, 91, 93

 86, 68, 70


 63, 45, 47

 40, 25, 27

 21, 0, 0

 246, 223, 225

 246, 223, 225


 246, 198, 203


 246, 247, 248

 246, 174, 180

 246, 251, 255

 246, 149, 158

 246, 125, 135

 246, 100, 113

 246, 75, 90

 246, 51, 68

 246, 26, 45

 246, 2, 23

Harmonies

Analogous

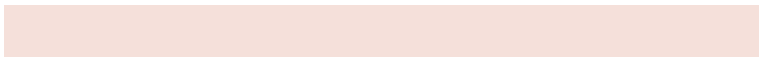
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 223, 233



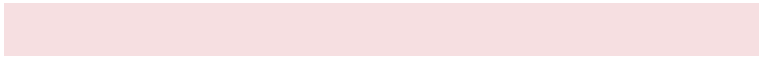
246, 223, 225



245, 226, 218

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246, 223, 225



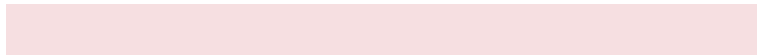
216, 231, 225



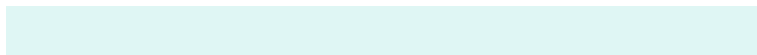
215, 225, 243

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



246, 223, 225



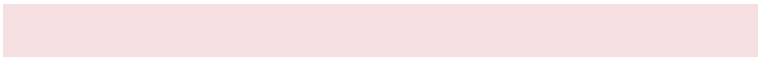
223, 235, 246

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210, 223, 239



246, 223, 225



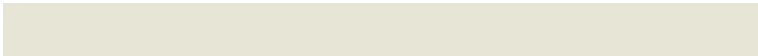
214, 227, 233

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 223, 225



215, 231, 213



209, 221, 233



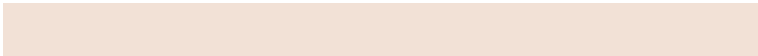
224, 227, 244

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 223, 225



242, 232, 214



209, 221, 233



213, 224, 242

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



246, 223, 225



255, 247, 248



244, 223, 246



128, 122, 123



0, 0, 0



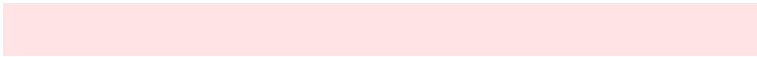
128, 128, 128

Same Dimension

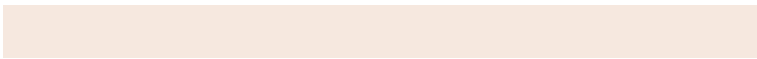
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 223, 225



255, 227, 229



246, 238, 223



122, 110, 111



186, 0, 16



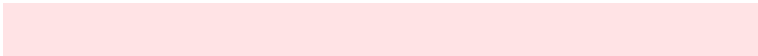
59, 0, 5

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



246, 223, 225



255, 227, 229



223, 232, 246



122, 110, 111



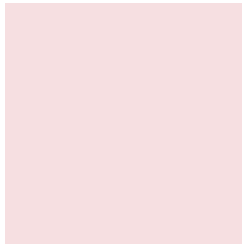
186, 0, 16



59, 0, 5

Previews

White Background



This preview shows how the RYB color 246, 223, 225 looks on a white background.

Color Contrast Check

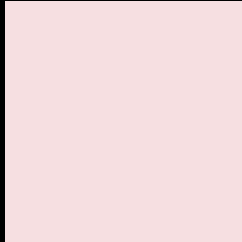
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 246, 223, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

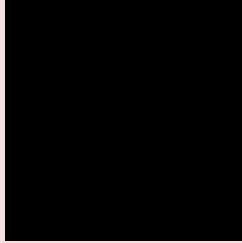
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

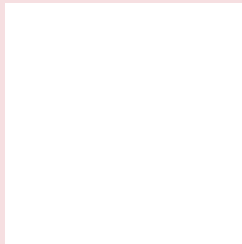
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 246, 223, 225 Background



This preview shows how black text looks on a background with the RYB color 246, 223, 225.

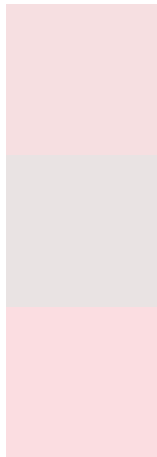


This preview shows how white text looks on a background with the RYB color 246, 223, 225.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
246, 223, 225

Protanopia
233, 227, 227

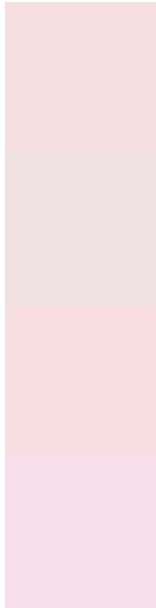
Deuteranopia
251, 221, 225



Tritanopia

248, 221, 238

Trichromacy



Original Color

246, 223, 225

Protanomaly

238, 226, 226

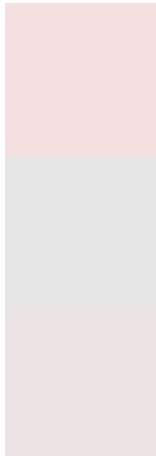
Deuteranomaly

249, 222, 225

Tritanomaly

247, 222, 233

Monochromacy



Original Color

246, 223, 225

Achromatopsia

230, 230, 230

Achromatomaly

236, 227, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 223, 225 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(246, 223, 225) looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 225) }
```

Border

The CSS property to change the border of an element to RYB 246, 223, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 223, 225) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 223, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 246, 223, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
223, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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